

ABSTRACT

IMPLEMENTATION ANALYSIS OF ENTERPRISE RESOURCE PLANNING SYSTEM INVENTORY MODULE BASED ON ODOO WITH STANDARD TESTING ISO/IEC 25010:2011 (STUDY CASE: AYAM BOSS MERAPI)

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Ayam Boss Merapi is a fast-growing restaurant in the culinary world on Jl. Telekomunikasi, Bandung Regency. Which is where the Ayam Boss Merapi provides geprek-based processed chicken dishes with various types of sambal. Ayam Boss Merapi has a tagline that is "Challenge Your Spicy Level!". At this time, one of the business processes that runs at Ayam Boss Merapi restaurant is warehousing management, which is a business engaged in the culinary industry. Warehousing management is a very important process. Products available in warehouses are on average perishable and have their own expiry times. Failure to ensure that this management runs well will be fatal and able to have an effect on other business processes. So, the current problem is how to do warehousing management properly. Seeing this problem, Ayam Boss Merapi needs a technology that can automate the activities of this business process. Enterprise Resource Planning (ERP) systems can be a solution to this problem. Considering the situation of Ayam Boss Merapi Restaurant as a relatively new business, the ERP system implemented must be flexible and affordable. So that the choice of ERP software to Odoo. Odoo has its own implementation guide, the QuickStart Methodology. By using this methodology, development will be carried out in stages and can be done regularly. So that saves money and effort spent. The purpose of developing the Inventory module ERP system Ayam Boss Merapi restaurant is to create a system as a solution to the problems in the Inventory Division, namely to guarantee the freshness of the existing raw goods. After development, black box testing will be carried out with the ISO 25010: 2011 standardization model.

Keywords: Inventory, Inventory Management, ERP, Odoo, QuickStart, Black Box Testing, ISO 25010:2011